# Data Management Plan
# obligations in Horizon Europe projects



**HORIZON EUROPE**

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**What is Horizon Europe**

**Data management in Horizon Europe**

**Who & when?**

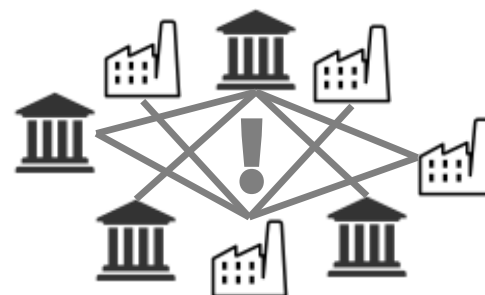Ludmila Součková (ludmila.souckova@natur.cuni.cz)    **DMP in Horizon Europe**
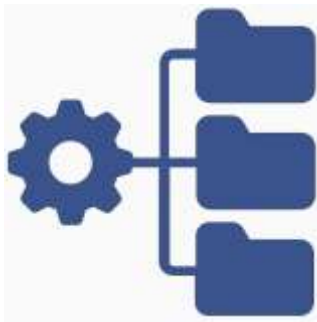
# What is Horizon Europe

- European Union's 9th **Framework Programme for Research and Innovation 2021-2027**

- budget ca. € 95.5 billion (whole duration)

- centrally managed programme – competition on European level

- includes e.g.:

  - European Research Council – **ERC grants**
    **excellent individual researchers & their ideas**
    **5 year projects, up to € 1.5 – 3.5 million**

  - Marie Skłodowska-Curie Actions – e.g. **MSCA Postdoctoral Fellowships**
    **1-2 year postdoctoral stay, international mobility**

  - projects on pre-defined research topics run by **international consortial**
    Research and Innovation Actions, Innovation Actions

- formal adoption ongoing
  – to be finished ca. in April
  - Model Grant Agreement – draft
  - Online Manual – by May (?)

  *some educated guesswork in this presentation*

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# Data management in Horizon Europe

*Beneficiaries must manage the **digital research data generated in the action** ('data') responsibly, in line with the FAIR principles*

Model Grant Agreement
https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/common/agr-contr/general-mga_horizon-euratom_en.pdf
Annex 5, Article 17

- "data generated in the action"
  - data **underlying** any output you report as a result of the project
    – scientific papers
    – reports, recommendation for public authorities…
  - any "other data"

- **responsible data management**
  - establish a DMP – and update it regularly
  - deposit data in a trusted repository
  - make data available (if possible) **"as open as possible, as closed as necessary"**

- **costs** related to data management eligible

# Data management in Horizon Europe

## Establish a DMP

- first DMP – a **deliverable** by **6th month** of the project
- probably: official Horizon Europe DMP template – minimal requirements
  – possible to use other (better) templates

- **minimal requirements?** *guess from proposal template*

  - **What data?**

  - **Findability:** Which repository? Identifiers?

  - **Accessibility:** Will you make it available?
    **If not made available, why?** *"as open as possible,
    as closed as necessary"*

  - **Interoperability:** Standards? Formats?

  - **Reusability:** Licenses? Tools needed and their availability?

  - **Preservation/curation?** incl. after project's end (repository)

  - **Timeline:** When data generated?
    put into repository?
    made available?

**make the data FAIR**

Standard Proposal Template
https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/temp-form/af/af_he-ria-ia_en.pdf
1.2 Methodology,
Research data management

FAIR principles
https://www.go-fair.org/fair-principles/

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## Establish a DMP **and update it regularly**

- DMP should be **a living document** – reflect **changes** that happen
  - research goes differently than planned
    (new data, different data, data not generated…)
  - new innovation potential
  - other changes (consortium members joining/leaving)
- at least **1 revised DMP** – a deliverable towards the end of project's lifetime

## deposit data in a trusted repository

- as soon as possible (planned in DMP)
- call might require a repository
  federated in the European Open Science Cloud (EOSC)

# Data management in Horizon Europe

**if possible**, make data available
don't have to give access, if:

*"as open as possible, as closed as necessary"*

- against beneficiaries' interests – e.g. plan to **exploit commercially**

- against beneficiaries' other **obligations**
  – e.g. security, personal data protection, EU's competitive interests

- **explain in DMP**

- (?) still must be **put in a repository** – just without open access
  – will be difficult for European Commission to check

if possible, **make data available**

- as soon as possible (planned in DMP)

- open access **via the repository**

- licenses: **data** [cc BY]  [PUBLIC DOMAIN]

  **metadata** [PUBLIC DOMAIN]

About Creative Commons licenses
https://creativecommons.org/about/cclicenses/

- information about **tools needed** to re-use

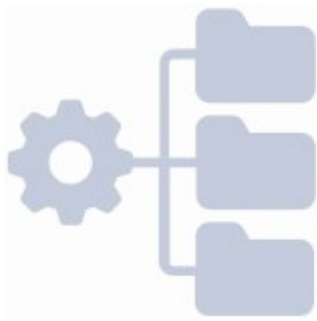**FACULTY OF SCIENCE**
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## Public emergency

- specified by the call
  (e.g. medical research)

- request of granting authority – beneficiaries must give access to data
  - via repository (cc) (i) BY    (0) PUBLIC DOMAIN
  - "at fair and reasonable conditions" to relevant actor(s)

- up to **4 years** after the end of the project

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## Who?

- DMP & data management for whole project

- partner in a consortium:
  follow instructions of coordinator
  / task leader for data management

- coordinator: your responsibility
  (set a task leader for data management)

- ERC grant, MSCA Postdoctoral Fellowship
  (mono-beneficiary project, a researcher in charge):
  your responsibility
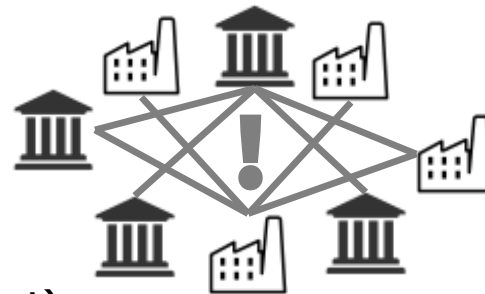
When? **Project implementation** – *see previous slides*

When? **Proposal writing**

- **ERC grant** – not so much
  - proposal just about science
  - **plan costs** (person-time) in the budget

- other proposals: projects run by **consortia**, **MSCA Postdoctoral Fellowship**
  - **some outlook** already in proposal
    e.g. consortial project proposal:
    1 page on data management

    > Standard Proposal Template
    > https://ec.europa.eu/info/funding-tenders/opportunities/docs/2021-2027/horizon/temp-form/af/af_he-ria-ia_en.pdf

  - consortium: plan the **person in charge & budget**
    MSCA Postdoctoral Fellowship: plan **time** to do it, who will **help** you
  - Gantt chart: plan DMP and it's update(s) as deliverables
  - probably will **effect evaluation**

# Questions about Horizon Europe?

Contact points for Horizon Europe at the Faculty of Science

**Klára Sobotíková** – proposal writing

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**Tomáš Palatý** – project implementation

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About Horizon Europe on website of Faculty of Science CUNI

https://www.natur.cuni.cz/eng/project-management-department/funding-opportunities/horizon-europe

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https://www.natur.cuni.cz/fakulta/oddeleni-projektoveho-rizeni/grantova-agenda/newsletter-gi

**1)** Zaměstnanec

# Thank you for your attention

**Funding opportunities**
(internally also in English – click here & switch to English version)

**2)**

**News of Foreign Administration**
(in Czech, often with links to more information in English)

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